

L Number	Hits	Search Text	DB	Time stamp
1	1235	aluminum with (anodic anode) with coat\$3	USPAT	2003/10/28 14:56
2	9	(aluminum with (anodic anode) with coat\$3) and (118/723\$.ccls. 156/345\$.ccls.)	USPAT	2003/10/28 15:51
3	55	spherical and (118/500.ccls.)	USPAT	2003/10/28 15:51
4	352	(tumbling rotatable basket cage tumbler casing) and (118/500.ccls.)	USPAT	2003/10/28 15:59
-	8907	golf adj ball\$2	USPAT	2003/10/27 14:28
-	1	(golf adj ball\$2) and (118/723\$.ccls. 156/345\$.ccls.)	USPAT	2003/10/28 14:56
-	132	(golf adj ball\$2) and ((glow adj discharge) plasma)	USPAT	2003/10/27 17:34
-	1	((golf adj ball\$2) and (118/723\$.ccls. 156/345\$.ccls.)) and (revolv\$3 rotat\$3 drum revolution)	USPAT	2003/10/27 13:53
-	9977	golf adj ball\$2	JPO; DERWENT	2003/10/27 13:54
-	766252	h011021\$.ipc. c23c016\$.ipc.	JPO; DERWENT	2003/10/27 13:54
-	5	(golf adj ball\$2) and (h011021\$.ipc. c23c016\$.ipc.)	JPO; DERWENT	2003/10/27 13:56
-	2	("4410586"   "4504349").PN.	USPAT	2003/10/27 14:00
-	46110	(spherical near4 (object\$2 ball\$2 surface\$2))	USPAT	2003/10/27 14:13
-	70	((spherical near4 (object\$2 ball\$2 surface\$2))) and (118/723\$.ccls. 156/345\$.ccls.)	USPAT	2003/10/27 14:46
-	4880	(spherical near4 (substrate device))	USPAT	2003/10/27 14:15
-	2490	((spherical near4 (substrate device))) not ((spherical near4 (object\$2 ball\$2 surface\$2)))	USPAT	2003/10/27 14:15
-	8	((spherical near4 (substrate device))) not ((spherical near4 (object\$2 ball\$2 surface\$2))) and (118/723\$.ccls. 156/345\$.ccls.)	USPAT	2003/10/27 14:19
-	12587	(spherical with (substrate device))	USPAT	2003/10/27 14:15
-	6725	((spherical with (substrate device))) not ((spherical near4 (object\$2 ball\$2 surface\$2)))	USPAT	2003/10/27 14:15
-	4235	((spherical with (substrate device))) not ((spherical near4 (object\$2 ball\$2 surface\$2))) not ((spherical near4 (substrate device))) not ((spherical near4 (object\$2 ball\$2 surface\$2)))	USPAT	2003/10/27 14:16
-	16	((spherical with (substrate device))) not ((spherical near4 (object\$2 ball\$2 surface\$2))) not ((spherical near4 (substrate device))) not ((spherical near4 (object\$2 ball\$2 surface\$2))) and (118/723\$.ccls. 156/345\$.ccls.)	USPAT	2003/10/27 14:16
-	8351	tumbler\$2	USPAT	2003/10/27 14:20
-	4694	tumbler\$2	JPO; DERWENT	2003/10/27 14:20
-	27	(golf adj ball\$2) and tumbler\$2	USPAT	2003/10/27 14:28
-	2344	(golf adj ball\$2).ti.	USPAT	2003/10/27 14:32
-	144	((golf adj ball\$2) with apparatus).ti.	USPAT	2003/10/27 14:45
-	14	4613403.URPN.	USPAT	2003/10/27 14:35
-	557	(118/723r).CCLS.	USPAT	2003/10/27 14:45
-	3	tumbler\$2 and (118/723\$.ccls. 156/345\$.ccls.)	USPAT	2003/10/27 15:13
-	1344	(118/730).CCLS.	USPAT; EPO; JPO	2003/10/27 14:53
-	54	(156/345.55).CCLS.	USPAT; EPO; JPO	2003/10/27 14:53
-	161	(118/716).CCLS.	USPAT; EPO; JPO	2003/10/28 10:22
-	572	(tumbling rotatable) and (118/723\$.ccls. 156/345\$.ccls.)	USPAT	2003/10/27 15:35
-	9	(tumbling) and (118/723\$.ccls. 156/345\$.ccls.)	USPAT	2003/10/27 15:27
-	134	(casing) and (118/723\$.ccls. 156/345\$.ccls.)	USPAT	2003/10/27 15:16

-	93	(cage) and (118/723\$.ccls. 156/345\$.ccls.)	USPAT	2003/10/27 15:23
-	128	((casing) and (118/723\$.ccls. 156/345\$.ccls.)) not ((cage) and (118/723\$.ccls. 156/345\$.ccls.))	USPAT	2003/10/27 15:23
-	36	(basket) and (118/723\$.ccls. 156/345\$.ccls.)	USPAT	2003/10/27 17:43
-	1	brum-william\$.in.	USPAT	2003/10/27 15:32
-	5	("3933967"   "4389365"   "5112556"   "5840351"   "6439873").PN.	USPAT	2003/10/27 15:33
-	7248	(tumbling rotatable basket cage tumbler casing) and (425/\$.ccls.)	USPAT	2003/10/28 15:59
-	20	((tumbling rotatable basket cage tumbler casing) and (425/\$.ccls.)) and golf	USPAT	2003/10/27 16:26
-	100	takahashi-minoru\$.in.	USPAT	2003/10/27 16:34
-	4	oyachi-tomio\$.in.	USPAT	2003/10/27 16:34
-	3	izuhara-koichi\$.in.	USPAT	2003/10/27 16:34
-	14	akiyama-setsuo\$.in.	USPAT	2003/10/27 16:33
-	55	yoshikawa-masato\$.in.	USPAT	2003/10/27 16:33
-	99	takahashi-minoru\$.in. not yoshikawa-masato\$.in.	USPAT	2003/10/27 16:33
-	222	yoshikawa-masato\$.in.	JPO	2003/10/27 16:33
-	59	akiyama-setsuo\$.in.	JPO	2003/10/27 16:33
-	1223	takahashi-minoru\$.in.	JPO	2003/10/27 16:34
-	27	oyachi-tomio\$.in.	JPO	2003/10/27 16:36
-	1547	yoshikawa-masato\$.in. akiyama-setsuo\$.in. izuhara-koichi\$.in. oyachi-tomio\$.in. takahashi-minoru\$.in.	JPO	2003/10/27 16:37
-	3	(yoshikawa-masato\$.in. akiyama-setsuo\$.in. izuhara-koichi\$.in. oyachi-tomio\$.in. takahashi-minoru\$.in.) and (golf adj ball\$2)	JPO	2003/10/27 16:39
-	24	izuhara-koichi\$.in.	JPO	2003/10/27 16:37
-	185	(yoshikawa-masato\$.in. akiyama-setsuo\$.in. izuhara-koichi\$.in. oyachi-tomio\$.in. takahashi-minoru\$.in.) and (cage basket casing tumbling tumbler rotat\$4 revolv\$3 revolution spin\$4 drum)	JPO	2003/10/27 16:40
-	17	(yoshikawa-masato\$.in. akiyama-setsuo\$.in. izuhara-koichi\$.in. oyachi-tomio\$.in. takahashi-minoru\$.in.) and (cage basket casing tumbling tumbler)	JPO	2003/10/27 16:41
-	168	((yoshikawa-masato\$.in. akiyama-setsuo\$.in. izuhara-koichi\$.in. oyachi-tomio\$.in. takahashi-minoru\$.in.) and (cage basket casing tumbling tumbler rotat\$4 revolv\$3 revolution spin\$4 drum)) not ((yoshikawa-masato\$.in. akiyama-setsuo\$.in. izuhara-koichi\$.in. oyachi-tomio\$.in. takahashi-minoru\$.in.) and (cage basket casing tumbling tumbler))	JPO	2003/10/27 16:41
-	31	((118/716).CCLS.) and hole\$2	USPAT; EPO; JPO	2003/10/27 17:30
-	3	((("5236548") or ("5286532") or ("6120394")).PN.	USPAT; EPO; JPO	2003/10/27 17:32
-	2	((("5842916") or ("3187715")).PN.	USPAT; EPO; JPO	2003/10/27 17:33
-	22930	bridgestone.as.	USPAT; EPO; JPO	2003/10/27 17:33
-	1311	bridgestone.as. and golf	USPAT; EPO; JPO	2003/10/27 17:33
-	974	bridgestone.as. and (golf adj ball)	USPAT; EPO; JPO	2003/10/27 17:34
-	14	(bridgestone.as. and (golf adj ball)) and ((glow adj discharge) plasma)	USPAT	2003/10/27 17:35
-	255	(bridgestone.as. and (golf adj ball)) and (cage basket casing tumbling tumbler rotat\$4 revolv\$3 revolution spin\$4 drum)	USPAT	2003/10/27 17:36
-	85	(barrel) and (118/723\$.ccls. 156/345\$.ccls.)	USPAT	2003/10/27 18:20
-	5	((("5316739") or ("5126164") or ("4911812") or ("4613403") or ("4600563")).PN.	USPAT; EPO; JPO	2003/10/27 18:20
-	131	(118/716).CCLS.	USPAT	2003/10/28 10:22

-	27	((118/716).CCLS.) and (casing basket drum tumbling tumbler cage)	USPAT	2003/10/28 10:44
-	872	118/\$.ccls. and spherical	USPAT	2003/10/28 10:28
-	214	(118/\$.ccls. and spherical) and (casing basket drum tumbling tumbler cage)	USPAT	2003/10/28 10:29
-	205	((118/\$.ccls. and spherical) and (casing basket drum tumbling tumbler cage) ) not ((118/716).CCLS.) and (casing basket drum tumbling tumbler cage) )	USPAT	2003/10/28 10:44
-	370	(427/536).CCLS.	USPAT	2003/10/28 10:47
-	47	((427/536).CCLS.) and (casing basket drum tumbling tumbler cage)	USPAT	2003/10/28 10:44
-	323	((427/536).CCLS.) not ((427/536).CCLS.) and (casing basket drum tumbling tumbler cage) )	USPAT; EPO; JPO	2003/10/28 11:20
-	118	(156/345.44).CCLS.	USPAT; EPO; JPO	2003/10/28 11:11
-	161	(156/345.47).CCLS.	USPAT; EPO; JPO	2003/10/28 11:15
-	133	(156/345.43).CCLS.	USPAT; EPO; JPO	2003/10/28 11:11
-	146	((156/345.47).CCLS.) not ((156/345.43).CCLS.)	USPAT; EPO; JPO	2003/10/28 11:18
-	109	((156/345.44).CCLS.) not ((156/345.43).CCLS.)	USPAT; EPO; JPO	2003/10/28 11:18
-	103	((156/345.44).CCLS.) not ((156/345.43).CCLS.) not ((156/345.47).CCLS.)	USPAT; EPO; JPO	2003/10/28 11:18
-	662	(118/723r).CCLS.	USPAT; EPO; JPO	2003/10/28 12:32
-	41	((118/723r).CCLS.) and spherical	USPAT; EPO; JPO	2003/10/28 11:20
-	3	("3746858"   "4613403"   "5126164").PN.	USPAT	2003/10/28 12:32
-	557	(118/723r).CCLS.	USPAT	2003/10/28 12:38
-	959	(118/723E).CCLS.	USPAT	2003/10/28 12:38
-	794	((118/723E).CCLS.) NOT ((118/723r).CCLS.)	USPAT; EPO; JPO	2003/10/28 12:38
-	794	((118/723E).CCLS.) NOT ((118/723r).CCLS.)	USPAT	2003/10/28 13:24
-	3913	(basket cage casing tumbler tumbling) with aluminum	USPAT	2003/10/28 13:25
-	1	((basket cage casing tumbler tumbling) with aluminum) and 118/716.ccls.	USPAT	2003/10/28 13:27
-	7	((basket cage casing tumbler tumbling) with aluminum) and 118/723\$.ccls.	USPAT	2003/10/28 13:26
-	10	((basket cage casing tumbler tumbling) with aluminum) and 156/345\$.ccls.	USPAT	2003/10/28 13:26
-	32	aluminum and 118/716.ccls.	USPAT	2003/10/28 14:55